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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/709,164	04/19/2004	Jui-Chiang Lin	LITP0023USA	3163
27765	7590	10/06/2004	EXAMINER	
NAIPO (NORTH AMERICA INTERNATIONAL PATENT OFFICE)			VU, PHUONG T	
P.O. BOX 506			ART UNIT	PAPER NUMBER
MERRIFIELD, VA 22116			2841	

DATE MAILED: 10/06/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/709,164

Applicant(s)

LIN, JUI-CHIANG

Examiner

Phuong T. Vu

Art Unit

2841

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-9 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-9 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date ____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

2. Claims 1-9 are rejected under 35 U.S.C. 102(e) as being anticipated by Shimano (US 6,771,494B2). Regarding claim 1, the reference discloses a folder-style electronic device comprising a first unit 10, a second unit 12, and a double hinge structure 13 utilized for connecting the first unit to the second unit and making the first unit rotate to a first position directly on top of the second unit or to a second position directly underneath the second unit.

Regarding claim 2, the first unit is a screen utilized for displaying.

Regarding claim 3, the second unit is an input area utilized for inputting instructions.

Regarding claim 4, the first unit necessarily comprises at least a fastener location utilized for connecting the double hinge structure.

Regarding claim 5, the second unit necessarily comprises at least a fastener location utilized for connecting the double hinge structure.

Regarding claim 6, the double hinge structure comprises a plurality of bolts (provided in 30, 32), at least a plate 33 installed and rotatable on the plurality of bolts, and a plurality of fasteners necessarily installed and rotatable on the plurality of bolts.

Regarding claim 7, each of the plurality of fasteners is respectively attached to a corresponding fastener location.

Regarding claim 8, the reference discloses a double hinge structure comprising a plurality of bolts (provided in 30, 32), at least a plate 33 installed and rotatable on the plurality of bolts and a plurality of fasteners installed and rotatable on the plurality of bolts.

Regarding claim 9, the double hinge structure is utilized as a folder-style electronic device.

3. Claims 1-9 are rejected under 35 U.S.C. 102(b) as being anticipated by Kamikakai et al. (US 6,154,359). Regarding claim 1, the reference discloses a folder-style electronic device comprising a first unit 3, a second unit 2, and a double hinge structure 4 utilized for connecting the first unit to the second unit and making the first

unit rotate to a first position directly on top of the second unit or to a second position directly underneath the second unit.

Regarding claim 2, the first unit is a screen utilized for displaying.

Regarding claim 3, the second unit is an input area utilized for inputting instructions.

Regarding claim 4, the first unit comprises at least a fastener location 25 utilized for connecting the double hinge structure.

Regarding claim 5, the second unit comprises at least a fastener location 22 utilized for connecting the double hinge structure.

Regarding claim 6, the double hinge structure comprises a plurality of bolts (24 provided in 26, 23), at least a plate 11 installed and rotatable on the plurality of bolts, and a plurality of fasteners necessarily installed and rotatable on the plurality of bolts.

Regarding claim 7, each of the plurality of fasteners is respectively attached to a corresponding fastener location.

Regarding claim 8, the reference discloses a double hinge structure comprising a plurality of bolts (24 provided in 26, 23), at least a plate 11 installed and rotatable on the plurality of bolts and a plurality of fasteners installed and rotatable on the plurality of bolts.

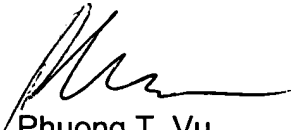
Regarding claim 9, the double hinge structure is utilized as a folder-style electronic device.

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Phuong T. Vu whose telephone number is (571) 272-2111. The examiner can normally be reached on Mon. & Tues., 7:30 AM - 4:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kammie Cuneo can be reached on (571) 272-1957. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Phuong T. Vu
Patent Examiner
Group 2841